

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	"7299006"	USPAT	OR	OFF	2009/04/13 05:13
S1	2	"6417737".uref.	USPAT	OR	OFF	2007/03/18 02:24
S2	4	("6259321"   "6366166"   "6414558"   "6417737").PN.	USPAT	OR	OFF	2003/10/05 17:17
S3	4	"6259321".URPN.	USPAT	OR	OFF	2003/10/05 17:18
S4	1	"6504420"	USPAT	OR	OFF	2003/10/05 17:25
S7	15	("4614925"   "4789976"   "4818903"   "4903329"   "5031233"   "5239283"   "5428829"   "5715012"   "5737035"   "5828589"   "5852866"   "5914630"   "5996063"   "6008713"   "6049258").PN.	USPAT	OR	OFF	2003/10/05 17:25
S8	9	("5070317"   "5136357"   "5260595"   "5360989"   "5450263"   "5492856"   "5539241"   "5661332"   "5705963").PN.	USPAT	OR	OFF	2003/10/05 17:32
S9	5	"6285865"	USPAT	OR	OFF	2003/10/05 17:50
S10	72910	"361"/\$.CCLS.	USPAT	OR	OFF	2003/10/08 16:55
S11	29216	"333"/\$.CCLS.	USPAT	OR	OFF	2003/10/08 16:56
S12	22073	"331"/\$.CCLS.	USPAT	OR	OFF	2003/10/08 16:56

S13	42217	"455"/\$.CCLS.	USPAT	OR	OFF	2003/10/08 16:57
S14	72910	"361"/\$.CCLS. OR "333"/\$.CCLS	USPAT	OR	OFF	2003/10/08 16:57
S15	61747	"331"/\$.CCLS. OR "455"/\$.CCLS.	USPAT	OR	OFF	2003/10/08 16:57
S18	5088	(MIXER AND (TRACK SAME HOLD CIRCUIT)) AND (FIRST SAME SWITCH) AND (SECOND SAME SWITCH)	USPAT	OR	OFF	2003/10/08 16:59
S21	92	(((((MIXER AND (TRACK SAME HOLD CIRCUIT)) AND (FIRST SAME SWITCH) AND (SECOND SAME SWITCH)) AND (THIRD SAME SWITCH)) AND (DIFFERENTIAL SAME SIGNAL) AND (FOURTH SWITCH)) AND (FIRST SAME TRANSISTOR) AND (SECOND SAME TRANSISTOR)	USPAT	OR	OFF	2003/10/08 17:02
S22	25	(((((MIXER AND (TRACK SAME HOLD CIRCUIT)) AND (FIRST SAME SWITCH) AND (SECOND SAME SWITCH)) AND (THIRD SAME SWITCH)) AND (DIFFERENTIAL SAME SIGNAL) AND (FOURTH SWITCH)) AND (FIRST SAME TRANSISTOR) AND (SECOND SAME TRANSISTOR)) AND (FOURTH SAME TRANSISTOR)	USPAT	OR	OFF	2005/03/21 06:20

S23	46	((("361"/\$.CCLS. OR "333"/\$.CCLS) OR ("331"/\$.CCLS. OR "455"/\$.CCLS.)) AND (POLYPHASE ADJ FILTER)	USPAT	OR	OFF	2003/10/08 17:30
S24	41	((("361"/\$.CCLS. OR "333"/\$.CCLS) OR ("331"/\$.CCLS. OR "455"/\$.CCLS.)) AND (POLYPHASE ADJ FILTER)) AND (FIRST SAME FILTER) AND (SECOND SAME FILTER)	USPAT	OR	OFF	2003/10/08 17:30
S25	11	((("361"/\$.CCLS. OR "333"/\$.CCLS) OR ("331"/\$.CCLS. OR "455"/\$.CCLS.)) AND (POLYPHASE ADJ FILTER)) AND (FIRST SAME FILTER) AND (SECOND SAME FILTER)) AND (CONTROL SAME LOGIC)	USPAT	OR	OFF	2003/10/08 17:34
S26	1	((("361"/\$.CCLS. OR "333"/\$.CCLS) OR ("331"/\$.CCLS. OR "455"/\$.CCLS.)) AND (POLYPHASE ADJ FILTER)) AND (FIRST SAME FILTER) AND (SECOND SAME FILTER)) AND (PLURALITY SAME CAPACITORS)	USPAT	OR	OFF	2003/10/08 17:37
S27	414	((("361"/\$.CCLS. OR "333"/\$.CCLS) OR ("331"/\$.CCLS. OR "455"/\$.CCLS.)) AND (NOTCH ADJ FILTER)	USPAT	OR	OFF	2003/10/08 17:39

S28	5	(((((("361"/\$.CCLS. OR "333"/\$.CCLS) OR ("331"/\$.CCLS. OR "455"/\$.CCLS.)) AND (POLYPHASE ADJ FILTER)) AND (FIRST SAME FILTER) AND (SECOND SAME FILTER)) AND (CONTROL SAME LOGIC)) AND (CONTROL ADJ LOGIC)	USPAT	OR	OFF	2003/10/08 17:40
S29	4	(((((("361"/\$.CCLS. OR "333"/\$.CCLS) OR ("331"/\$.CCLS. OR "455"/\$.CCLS.)) AND (POLYPHASE ADJ FILTER)) AND (FIRST SAME FILTER) AND (SECOND SAME FILTER)) AND (FIRST SAME CAPACITOR) AND (SECOND SAME CAPACITOR)	USPAT	OR	OFF	2003/10/08 17:49
S30	15	((("361"/\$.CCLS. OR "333"/\$.CCLS) OR ("331"/\$.CCLS. OR "455"/\$.CCLS.)) AND (CALIBRATION SAME CIRCUIT) AND (TUNABLE SAME FILTERS)	USPAT	OR	OFF	2003/10/08 17:56
S31	1	"6587678"	USPAT	OR	OFF	2005/03/21 06:14
S32	1870	((MIXER AND (TRACK SAME HOLD CIRCUIT)) AND (FIRST SAME SWITCH) AND (SECOND SAME SWITCH)) AND (THIRD SAME SWITCH)	USPAT	OR	OFF	2005/03/21 06:20

S33	50	("4367414" "4396844" "4484258" "4489385" "4511895" "4535332" "4598286" "5881376" "6411825" "6965738" "5019736" "4881203" "5717886" "4467443" "4541090" "4605885" "4607376" "4611236" "4787022" "4830613" "4985650" "5184055" "5222043" "5301025" "5337285" "5357457" "5369502" "5416854" "5418498" "5432855" "5485100" "5510847" "5585860" "5621345" "5640534" "5694386" "5708878" "5754071" "5771191" "5875147" "5894431" "5904489" "5917301" "5933538" "5933533" "5956095" "5974511" "6016283" "6018305" "6037759"). pn.	USPAT	OR	OFF	2006/07/07 18:24
S34	52417	"455"/\$.ccls.	USPAT	OR	OFF	2006/07/07 21:43
S35	13952	"326"/\$.ccls.	USPAT	OR	OFF	2006/07/07 21:43
S36	62363	"327"/\$.ccls.	USPAT	OR	OFF	2006/07/07 21:43
S37	66348	S34 or S35	USPAT	OR	OFF	2006/07/07 21:44
S38	121437	S36 or S37	USPAT	OR	OFF	2006/07/07 21:44
S39	263	S38 and mixer and track and hold	USPAT	OR	OFF	2006/07/07 21:44
S40	69	S39 and (first signal) and (second signal) and bandpass and buffer and switch	USPAT	OR	OFF	2006/07/07 21:46
S41	29	S40 and (first switch) and (second switch) and transistor and capacitor	USPAT	OR	OFF	2006/07/07 21:49
S42	3	S40 and (differential adj mixer) and (first switch) and (second switch)	USPAT	OR	OFF	2006/07/07 21:51

S43	7	S39 and (first adj switch) and (second adj switch)	USPAT	OR	OFF	2006/07/07 22:22
S44	949	S38 and (frequency adj conversion) and (subsampling mixer or track or hold) and (differential pair amplifier) and amplifier and mixer	USPAT	OR	OFF	2006/07/07 22:26
S45	39	S44 and (subsampling mixer) and track and hold and (differential local oscillator)	USPAT	OR	OFF	2006/07/07 22:27
S46	39	S44 and (subsampling mixer) and track and hold and (differential local oscillator)	USPAT	OR	OFF	2006/07/07 22:44
S47	2	S46 and subsampling	USPAT	OR	OFF	2006/07/07 22:27
S48	6	"4149122"	USPAT	OR	OFF	2006/07/08 23:22
S49	20	"6223061"	USPAT	OR	OFF	2007/03/17 22:26
S50	6	"4149122"	USPAT	OR	OFF	2007/03/17 22:31
S51	20	mixer and (differential adj mixer) and (track or hold circuit) and track\$3 and hold	USPAT	OR	OFF	2007/03/17 22:35
S52	31666	"333"/\$.ccls.	USPAT	OR	OFF	2007/03/17 22:38
S53	1	S52 and mixer and (differential adj mixer) and (track hold circuit) and track\$3 and (hold circuit)	USPAT	OR	OFF	2007/03/17 22:43
S54	1	S52 and mixer and (differential adj mixer) and (bandpass adj filter)	USPAT	OR	OFF	2007/03/17 22:44
S55	348	S52 and mixer and (differential mixer) and (bandpass adj filter)	USPAT	OR	OFF	2007/03/17 22:44
S56	51	S55 and track\$3 and (hold circuit) and (first signal) and (second signal)	USPAT	OR	OFF	2007/03/17 22:45

S58	152	S55 and switch\$3 and (first signal) and (second signal)	USPAT	OR	OFF	2007/03/17 22:47
S59	27	S56 and switch\$3 and (first signal) and (second signal)	USPAT	OR	OFF	2007/03/17 22:47
S60	8	"6453157"	USPAT	OR	OFF	2007/03/18 02:24
S61	733142	"9" and switch\$3 and (first signal) and (second signal)	USPAT	OR	OFF	2007/09/04 11:40
S62	455	((MIXER AND (TRACK SAME HOLD CIRCUIT)) AND (FIRST SAME SWITCH) AND (SECOND SAME SWITCH)) AND (THIRD SAME SWITCH)) AND (DIFFERENTIAL SAME SIGNAL) AND (FOURTH SWITCH)	USPAT	OR	OFF	2007/09/04 11:38
S63	78	S62 AND MIXER AND TRACK\$3 AND HOLD \$3	USPAT	OR	OFF	2007/09/04 11:42
S64	78	S63 AND (BANDPASS CIRCUIT) AND MIXER AND TRACK\$3 AND HOLD\$3 AND (HOLD CIRCUIT)	USPAT	OR	OFF	2007/09/04 11:43
S65	472	((MIXER AND (TRACK SAME HOLD CIRCUIT)) AND (FIRST SAME SWITCH) AND (SECOND SAME SWITCH)) AND (THIRD SAME SWITCH)) AND (DIFFERENTIAL SAME SIGNAL) AND (FOURTH SWITCH)	USPAT	OR	OFF	2008/03/31 12:56
S66	80	S65 AND MIXER AND TRACK\$3 AND HOLD \$3	USPAT	OR	OFF	2008/03/31 12:56
S67	80	S65 AND MIXER AND TRACK\$3 AND HOLD \$3	USPAT	OR	OFF	2008/03/31 12:56

S68	4	S67 and (track circuit) and (hold circuit) and (mixer adj circuit) and (bandpass filter) and inductor and capacitor	USPAT	OR	OFF	2008/03/31 13:07
S70	6	S65 and (differential mixer) and (mixer adj circuit) and (track circuit) and (hold circuit) and mixer and capacitor and inductor and track\$3	USPAT	OR	OFF	2008/03/31 13:22
S71	112	"5557642"	USPAT	OR	OFF	2008/04/14 10:26
S72	25	"6223061"	USPAT	OR	OFF	2008/06/28 20:43
S73	118	"5557642"	USPAT	OR	OFF	2008/06/28 20:44
S74	4	"6819914"	USPAT	OR	OFF	2008/12/08 11:31
S75	8	"6242963"	USPAT	OR	OFF	2008/12/08 11:33
S76	8	"6094571"	USPAT	OR	OFF	2008/12/08 11:36
S77	38286	MIXER AND (TRACK SAME HOLD CIRCUIT)	USPAT	OR	OFF	2008/12/22 02:52
S78	173197	("361"/\$.CCLS. OR "333"/\$.CCLS) OR ("331"/\$.CCLS. OR "455"/\$.CCLS.)	USPAT	OR	OFF	2008/12/22 02:53
S79	202185	S77 or S78	USPAT	OR	OFF	2008/12/22 02:54
S80	0	S79 and (subsampling adj mixer) and (differential adj mixer)	USPAT	OR	OFF	2008/12/22 02:54
S81	120	S79 and (subsampling mixer) and (differential adj mixer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/22 02:55
S83	51	S81 and (bandpass circuit) and (differential adj mixer) and bandpass	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/22 02:56

4/ 13/ 09 5:17:59 AM



**C:\ Documents and Settings\ mmilord\ My Documents\ EAST\ Workspaces\ 09698550.wsp**